

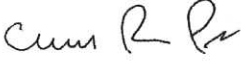

Wragg Incident


15CALNU006678

Incident Action Plan

**07/28/2015 – 07/29/2015
OPERATIONAL PERIOD
0700 to 0700**



INCIDENT OBJECTIVES	1. INCIDENT NAME WRAGG	2. DATE PREPARED 07/27/2015	3. TIME 1800																				
4. OPERATIONAL PERIOD (DATE/TIME) 07/28/2015 – 07/29/2015 0700-0700																							
5. MANAGEMENT OBJECTIVES <ul style="list-style-type: none"> • Establish and maintain safe work practices to minimize threats to the public and emergency personnel. • Minimize damage to structures, private property and other improvements in the fire area. • Protect natural and heritage resources. • Maintain fiscal accountability keeping costs commensurate with values at risk. • Provide timely and accurate incident information. • Foster and maintain relationships with all local cooperators and stakeholders. 																							
6. GENERAL CONTROL OBJECTIVES <ul style="list-style-type: none"> • Keep fire South of Enos Creek. • Keep fire East of Wragg Canyon. • Keep fire North of Mix Canyon. • Keep fire West of the communities of Golden Bear, Winters and English Hills. 																							
7. WEATHER FORECAST FOR OPERATIONAL PERIOD See Attached																							
8. GENERAL SAFETY MESSAGE See Attached																							
9. Attachments (<input checked="" type="checkbox"/> if attached) <table style="width: 100%; border: none;"> <tr> <td><input checked="" type="checkbox"/> Organization List (ICS 203)</td> <td><input checked="" type="checkbox"/> Medical Plan (ICS 206)</td> <td><input checked="" type="checkbox"/> Finance</td> <td><input checked="" type="checkbox"/> Unit Log 214</td> </tr> <tr> <td><input checked="" type="checkbox"/> Weather Forecast</td> <td><input checked="" type="checkbox"/> Air Ops 220</td> <td><input checked="" type="checkbox"/> Training Message</td> <td><input checked="" type="checkbox"/> Facility Map</td> </tr> <tr> <td><input checked="" type="checkbox"/> Fire Behavior Forecast</td> <td><input type="checkbox"/> Ops Expectations/ DIVS worksheet</td> <td><input checked="" type="checkbox"/> Supply Message/ 101</td> <td></td> </tr> <tr> <td><input checked="" type="checkbox"/> Safety Message</td> <td><input checked="" type="checkbox"/> Assignment List (ICS 204)</td> <td><input checked="" type="checkbox"/> Dmob Plan</td> <td><input type="checkbox"/> _____</td> </tr> <tr> <td><input checked="" type="checkbox"/> Communications Plan (ICS 205)</td> <td><input checked="" type="checkbox"/> Fire Line Suppression</td> <td><input checked="" type="checkbox"/> Traffic Plan</td> <td><input type="checkbox"/> _____</td> </tr> </table>				<input checked="" type="checkbox"/> Organization List (ICS 203)	<input checked="" type="checkbox"/> Medical Plan (ICS 206)	<input checked="" type="checkbox"/> Finance	<input checked="" type="checkbox"/> Unit Log 214	<input checked="" type="checkbox"/> Weather Forecast	<input checked="" type="checkbox"/> Air Ops 220	<input checked="" type="checkbox"/> Training Message	<input checked="" type="checkbox"/> Facility Map	<input checked="" type="checkbox"/> Fire Behavior Forecast	<input type="checkbox"/> Ops Expectations/ DIVS worksheet	<input checked="" type="checkbox"/> Supply Message/ 101		<input checked="" type="checkbox"/> Safety Message	<input checked="" type="checkbox"/> Assignment List (ICS 204)	<input checked="" type="checkbox"/> Dmob Plan	<input type="checkbox"/> _____	<input checked="" type="checkbox"/> Communications Plan (ICS 205)	<input checked="" type="checkbox"/> Fire Line Suppression	<input checked="" type="checkbox"/> Traffic Plan	<input type="checkbox"/> _____
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10. PREPARED BY (PLANNING SECTION CHIEF) Chris Post, PSC1 		11. APPROVED BY (INCIDENT COMMANDER) 																					

ORGANIZATION ASSIGNMENT LIST		9. Operations Section	
1. INCIDENT NAME		Chief	Mike Webb
WRAGG		Deputy	Mike van Loben Sels
CA-LNU-006678		Night	Polo Rodriguez
2. Date	3. Time	a. Branch I - Division/Groups	
07/27/15	2200	Branch Director	
4. Operational Period		Deputy	
7/28/2015 - 7/29/2015		Division/Group	A / C / G / M
			Louis Sciocchetti
Position	Name		Richard Dykhous (T)
5. Incident Commander and Staff			
Incident Commander	Brian Estes / Jim Ferguson (T)		
Deputy Incident Commanders	Kevin Lawson		
Safety Officer	Gabriel Santos / Joe Buchmeier (T)		
b. Branch III - Division/Groups			
Information Officer	Rick Vogt	Branch Director	Sean Dakin / Randy Engler (T)
Liaison Officer	Mike Martin	Division/Group	P
			Keith Hill
Law Enforcement Liaisons	Scott McCartney / Todd Jennings	Division/Group	U / X
			Aaron Latta
6. Agency Representatives			Adrian Saldivar (T)
Agency	Name		
See Next Page		c. Fire Line Suppression Repair	
		Division/Group	Megan Scheeline
7. Planning Section		f. Air Operations Branch	
Chief	Chris Post	Air Operations Branch Director	Scott Packwood
Deputy	Buddy Bloxham (T)	Air Attack Supervisor	
Resource Unit	Gabe Garcia / Steve Oaks / Justin Petersen	Air Support Supervisor	Tom Swanson
		Helicopter Coordinator	Scott Corn
Situation Unit	Adam Mitchell / Shane Sherwood (T)	Air Tanker Coordinator	
Documentation Unit	Susan Hudson / Sandra Jewell	10. Finance Section	
Demobilization Unit	Tom Shevenell / Leonel Plata (T)	Chief	Harper Keene
Training	Shane Vargas	Deputy	John Kiszka
Fire Behavior Analyst	Scott Jones	Time Unit	Andrew Corpuz / Kyle Lunsted (T)
8. Logistics Section		Procurement Unit	Julie Freeman
Chief	Dusty Martin	Compensation/Claims Unit	Karen Guillemin
Deputy	Scott Ernest	Cost Unit	Greg Belk
Supply Unit	Paul Lee	Hired Equipment	Jason Luckenbach
Facilities Unit	Ernie Solis		
Ground Support Unit	Jason Warden		
Communications Unit	Eddy Moore / Tim Maguire (T)		
Medical Unit	Jorge Segura		
Food Unit	Mike Carnesecca / Mario Rivera (T)		
Motel Unit	Shane Cook	Prepared by (Plans Section Chief)	
		Buddy Bloxham PSC1 (T) 	

Agency Representatives	
Agency	Name
City of Winters	John Donlevy
Solano Co. S.O.	Jon Mazer
Yolo Co. S.O.	Dale Johnson
Solano CHP	LT. Dave Ricks
Yolo CHP	CAPT Chuck King
CDCR	LT. Dan Eddy
BLM	Jeff Tunnell
PG&E	Pam Purdue
CAL TRANS	Mike Chappel
Solano Co. Parks	Sean McDowell
Yolo – Solano ARB	Dale Jeff Pinnow
Salvation Army	Kevin Hansen
Red Cross	William Chen
Winters Fire Dept.	Aaron McAlister
Vacaville Fire Dist.	Doug Rogers
CAL OES	John Salvate
Yocha Dehe Wintun Nation	James Sarmento
Solano Co. OP. Area	Aaron McAlister
Yolo Co. Op. Area	Gary Fredrickson
Vacaville Fire Dept.	Ron Karlen
CCC	Mieka Hall



INCIDENT WEATHER FORECAST



FORECAST NO: 5
PREDICTION FOR: Tuesday DAY/NIGHT SHIFT

INCIDENT NAME: Wragg Fire
UNIT: CALFIRE Sonoma-Lake-Napa Unit

SHIFT DATE: 28 July 2015
TIME AND DATE
FORECAST ISSUED: 1900 / 27 July 2015

SIGNED: 
Jason Clapp
Incident Meteorologist

WEATHER TODAY:

WEATHER: Sunny/clear and hot with continued drying, northerly winds peaking in the morning and slowing and shifting WSW by afternoon.

TEMPERATURES: 96-100 *Trend: Up 5*
RELATIVE HUMIDITY: 12-16% *Trend: Down 5-7%*

20 FT WINDS:

RIDGETOP – NNE 9-13 mph gusting 20-25 mph, gradually decreasing by afternoon. Then WSW ridge winds 7-9 mph gusting 15 mph in the afternoon.

SLOPE/VALLEY – N 7-10 mph gusting 15-20 mph in aligned canyons, decreasing and becoming terrain-driven by afternoon.

LAL: 1. **Stability/Inversion:** Weak inversion holding until 1000.

WEATHER FOR TONIGHT: Clear.

Low temperatures: 70-73

Max RH: 30% upper elevation, 40% lower elevations.

20FT Winds: NNE 4-6 mph gusting 10 mph over ridges with weak downsloping and eddying in canyons.

WEATHER DISCUSSION: Sunny/clear. Continued northerly winds in the morning before slowing and becoming terrain-driven in the afternoon as the surface high pressure over the western Great Basin weakens. The large upper ridge over the desert SW creeps into NorCal with hot temperatures the remainder of the week with potential Sierra thunderstorms beginning Thursday. Winds will be terrain-driven during day battling with westerly winds late afternoon into evening.

OUTLOOK FOR WEDNESDAY/THURSDAY:

Wednesday: Hot with upper ridge building.

High temps: 100-103. Max/Min RH: 30% / 10-14%. Winds: Slope winds with WSW ridge winds 5-8 gusting to 12.

Thursday: Hot with upper ridge building. Monsoonal moisture with isolated thunderstorms over Sierra.

High temps: 100-103. Max/Min RH: 30% / 14-18%. Winds: Slope winds with WSW ridge winds 6-10 gusting to 15-20 mph. Eddying in Wild Horse Canyon.

Extended Planning Weather Outlook



FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 5

TYPE OF FIRE: Wildland Fire

FIRE NAME: Wragg

OPERATIONAL PERIOD: 07/28 (0700-0700)

DATE ISSUED: 07/27/15

TIME ISSUED: 2100

UNIT: LNU

SIGNED: 

Typed/printed: Scott Jones

INPUTS

WEATHER SUMMARY

Sunny and clear, HOT with continued drying. Northerly winds peaking AM and slowing in the PM hours

TEMPERATURES: 100 RELATIVE HUMIDITY: 12-16%

20 FT WINDS: (MPH)

RIDGETOP - NNE 9-13 gusting 20-25 decreasing in the afternoon. NE 5-8 gusting to 12 in the evening.

SLOPE/VALLEY - N 7-10 gusting 15-20 in aligned canyons, decreasing NNE by late afternoon to 4-6 gusting to 10.

OUTPUTS

FIRE BEHAVIOR

GENERAL:

The burn area continues to have reduced levels of fire activity. Isolated areas of heat near the line continue to emerge creating isolated flare of available fuels during the wind change with ember cast into the green.

No ignitions were reported from the ember cast.

Within the fire perimeter the available ground fuels within the control lines are sparse having been consumed by the main fire or thinned during burnout operations.

Outside the perimeter Fuels are grass oak woodland, comprised of 30 year decadent brush. The grasslands 6-18" are a mix of grazed and open land. High concentrations of shrub groups are 6-12' with mixed dead fuel loads under Oak canopy.

Fire Behavior for Optimal Alignment Receptive Fuels

Fuel Type	ROS (Ft-MIN) Forward	ROS (Ft-MIN) Lateral	FL (Ft)	P(i)G
Grass Group	18 - 50'	2 - 5'	4 - 8'	93%
Shrub Group	5 - 14'	1 - 3'	3 - 7'	93%

SPECIFIC:

The north wind provided a wind test to the control lines in Branch III. A new fire outside control lines, following the Fire Characteristics Chart plot has an expected spread rate and intensity that could exhibit the following.

- Fires are too intense for direct attack on the head by persons using hand tools.
- Hand line cannot be relied on to hold the fire.
- Equipment such as dozers, pumpers, and retardant aircraft can be effective.

GENERAL AREA OUTSIDE FIRE PERIMETER

The SAC Valley / Foothills remain at moderate (highest assignable value) for Significant Fire Potential. The N to E winds and hot temperatures will have a strong drying effect this is expected to dry fuels significantly increasing the opportunity for activity later in the week.

AIR OPERATIONS:

No expected limitations

SAFETY

Weakened landscape, increased slipping and poor footing hazards: Drought stressed heavy fuels, opportunity for heavy limbs falling without notice: Steep terrain, rolling material impacting crews below work areas.



WRAGG INCIDENT




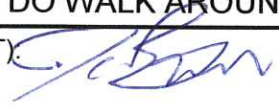
SAFETY MESSAGE	1. INCIDENT NAME:	2. DATE PREPARED:	3. TIME PREPARED:
	WRAGG	July 27, 2015	7/27/15 1400
4. PREPARED BY:	5. LEADER NAME:	6. OPERATIONAL PERIOD:	
Joe Buchmeier SOF1 (T)	Gabriel Santos SOF1	7/28/15 0700 TO 7/29/15 0700	

SAFETY MESSAGE

LESS FIRE TO FIGHT MEANS: MORE TIME TO FOCUS ON SAFETY!!!

- HIGHER TEMPERATURES EXPECTED, MAINTAIN HYDRATION, TAKE SHADED BREAKS AS NEEDED.
- Slow down on the incident specifically on Pleasants Valley Road and Mix Canyon Road.
- Stay aware of what is happening around you and adapt your exit strategy accordingly. ESTABLISH SAFETY ZONES AND KNOW YOUR ESCAPE ROUTE!
- Lots of poison oak cases coming in, be cautious, especially in Branch I.
- Back haul is in progress, use proper lifting techniques and beware of stump-holes, steep slopes, trip hazards and loose footing.
- Take care of your feet!!! Change your socks regularly and get prompt medical attention for blisters.
- Pay attention to changes in wind direction.
- As the incident comes to a close, keep your safety and the safety of your crews as a top priority, monitor your personnel closely for signs of fatigue.
- There is a great deal of traffic on the incident base, watch out for other vehicles entering and exiting roadways, SLOW DOWN and Drive Defensively!

DEMOB IN PROGRESS PAY ATTENTION TO THE ATTACHED DEMOB SAFETY MESSAGE

1. Incident Name: WRAGG		2. Incident Number: CALNU006678	
3. Date/Time Prepared: Date: 7/27/15 Time: 1400		4. Operational Period: Date From: 7/28/15 Date To: 7/29/15 Time From: 0700 Time To: 0700	
5. Incident Area	6. Hazards/Risks	7. Mitigations	
ALL	STEEP TERRAIN	<ul style="list-style-type: none"> - POST LOOKOUTS - WATCH FOOTING 	
ALL	NARROW ONE WAY ROADS, SOME PREVIOUSLY CLOSED NOW OPEN TO THE PUBLIC	<ul style="list-style-type: none"> - HEADLIGHTS ON - SLOW DOWN, - WEAR SEATBELTS 	
ALL	FATIGUE	<ul style="list-style-type: none"> - MAINTAIN PROPER WORK REST CYCLES - DOCUMENT ON ICS 214. 	
ALL	HIGH TEMPERATURES COMING. HYDRATION	<ul style="list-style-type: none"> - MAINTAIN 3 TO 1 WATER TO ELECTROLYTE RATIO. - TRY TO TAKE SHADED BREAKS 	
ALL	CRITICAL FUEL MOISTURES	<ul style="list-style-type: none"> - PAY CLOSE ATTENTION TO FIRE BEHAVIOR AND CHANGING CONDITIONS. 	
ALL	CHANGING WEATHER CONDITIONS	<ul style="list-style-type: none"> - MONITOR CURRENT WEATHER CONDITIONS AND OBTAIN FORECAST. 	
ALL	AVIATION HAZARDS	<ul style="list-style-type: none"> - MONITOR AIR TO GROUND. 	
ALL	ROLLING MATERIALS ON BURNED SLOPES	<ul style="list-style-type: none"> - BE CAUTIOUS OF WORKING BELOW CREWS AND EQUIPMENT 	
ALL	COMMUNICATIONS	<ul style="list-style-type: none"> - FOLLOW COMM PLAN - UTILIZE HUMAN REPEATER 	
BRANCH I	POWERLINES AND NATURAL GAS WELL HEADS	<ul style="list-style-type: none"> - KEEP FIRE AWAY FROM WELL HEADS. - BE CAUTIOUS OF ARCING SMOKE UNDER POWER LINES. 	
ALL	CUTTING LINE ON UNBURNED ISLANDS	<ul style="list-style-type: none"> - MAINTAIN SAFE WORKING DISTANCES. - AVOID COMPLACENCY 	
DEMOB	PERSONNEL WORKING CLOSE TO EQUIPMENT	<ul style="list-style-type: none"> - BE CAUTIOUS WHEN MOVING EQUIPMENT - ALWAYS DO WALK AROUND 	
8. Prepared by: Gabe Santos IMT 6 SOF1:  Joe Buchmeier IMT 6 SOF1 (T): 			
ICS 215A		Date/Time: 7/27/15	



Demob Safety Message

On Behalf of CAL FIRE Incident Management Team 6 we would like to thank you for your assistance. We wish you safe travels home or to your next assignment. Below are a few reminders to make your trip safer:

- ✓ Conduct walk around before driving
- ✓ Check for and secure all loose items (ie: tools, hose, and packs)
- ✓ Wear seat belts at all times
- ✓ Monitor all drivers for fatigue,
 - Switch drivers regularly if possible
 - If not find a safe place to stop, exit the vehicle and stretch
 - If all else fails, stop and take a short rest to revitalize
- ✓ Obey Posted Speed Limits
- ✓ Ensure Personnel have adequate nutrition and hydration for the trip
- ✓ Be prepared for the next incident

Thank you again for your hard work!

Gabriel Santos SOF 1 IMT 6

Joe Buchmeier SOF 1 (T)

Warning Signs and Symptoms of Heat Stress and Illness

Indications of Possible Heat Related Illness

COMMON SIGNS/SYMTOMS	IMMEDIATE ACTIONS
<ul style="list-style-type: none"> • Dizziness • Headache • Nausea • Unsteady walk • Weakness or fatigue • Muscle Cramps 	<ul style="list-style-type: none"> • Stop current activity • Allow person to rest in shade • Take sips of water • Call for medical assistance to evaluate individual
SERIOUS SIGNS/SYMTOMS	<p>If no emergency medical personnel are available, call for ambulance or medical transport.</p> <p>Immediately implement medical emergency plan and call for an ambulance and/or medivac for emergency transport while doing the following:</p> <ul style="list-style-type: none"> • Lay individual down in shade until MEDEVAC or ambulance arrives • Remove clothing from individual • Apply ice packs, or move individual to vehicle with air conditioning • Pour or immerse body in cold water and fan • Give sips of water while awaiting ambulance (if conscious) • Monitor airway and breathing until ambulance or MEDEVAC arrive • Continue cooling during transport or until body reaches 100° F

Warning Signs and Symptoms of Heat Stress and Illness

An important sign that the firefighter is in a **serious life-threatening** condition is an altered mental status (with or without increased temperature).

Ask the following questions:

- **What is your name?** (Does not know their name.)
- **What month is it? What year is it?** (Does not know the month or year.)
- **Where are we/you?** (Is not aware of location or surroundings.)
- **What were you doing before you became ill?** (Does not know the events that led to the present situation.)

Call for emergency MEDEVAC or ambulance

Indications of Possible Water Intoxication (Over-Hydration)

Water intoxication (hyponatremia) occurs when an individual drinks excessive amounts of water and decreases the sodium to water concentration in the body.

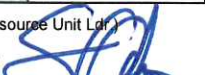
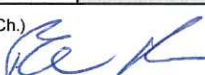
Signs and Symptoms: Confusion, Weakness, and Vomiting

For a full reference list for the HIP Pocket Guide, go to: <http://www.nwccg.gov/branches/pre/rmc/index.htm>

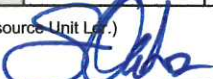





GABRIEL SANDOZ
FMT6 SOf1

ICS 204

DIVISION ASSIGNMENT LIST		1. Branch <div style="text-align: center; font-size: 1.5em;">III</div>		2. Division/Group <div style="text-align: center; font-weight: bold;">Division P</div>		
3. Incident Name <div style="text-align: center; font-weight: bold; font-size: 1.2em;">WRAGG</div>		4. Operational Period Date: 7/28/2015 to 7/29/2015 Time: 0700-0700				
5. Operations Personnel						
Operations Chief		Mike Webb (Day)		Division/Group Supervisor Keith Hill		
		Polo Rodriguez (Night)				
Branch Director		Sean Dakin / Randy Engler (T)		Branch Safety		
6. Resources Assigned this Period						
Strike Team/Task Force/ Resource Designat	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time	On Line	Off Line
STC SCU 9161C	Tim Main	20	DP 30 / 0800	0800	<input type="checkbox"/>	<input type="checkbox"/>
STG LNU 9140G	Derek Smith	28	DP 30 / 0800	0800	<input type="checkbox"/>	<input type="checkbox"/>
CRW LNU Delta 1	Chase Beckman	15	DP 30 / 0800	0800	<input type="checkbox"/>	<input type="checkbox"/>
CRW LNU Delta 2	John Layton	16	DP 30 / 0800	0800	<input type="checkbox"/>	<input type="checkbox"/>
WT PVT E-87	Anthony Wanzer	2	DP 30 / 0800	0800	<input type="checkbox"/>	<input type="checkbox"/>
WT PVT E-96	Sam Cookson	2	DP 30 / 0800	0800	<input type="checkbox"/>	<input type="checkbox"/>
FEMP	Larry Palmer	1	DP 30 / 0800	0800	<input type="checkbox"/>	<input type="checkbox"/>
FEMP	Jason Ward	1	DP 30 / 0800	0800	<input type="checkbox"/>	<input type="checkbox"/>
SOFR	Bryan Farrell	1	DP 30 / 0800	0800	<input type="checkbox"/>	<input type="checkbox"/>
7. Control Operations Improve fire line. Mop up and tactical patrol 300 feet. Implement fire line suppression repair plan.						
8. Special Instructions Ensure LCES is in place in all Divisions. NIFC C2 (channel 2) and NIFC C9 (channel 3) are the current command repeater system. These two channels are linked and are hard toned. Use either one of these channels to communicate to Wragg communications.						
9. Division/Group Communication Summary						
Function	Frequency	System	Channel	Function	Frequency	System
Command	RX 168.1000 Tone 123.0 TX 170.4500	King NIFC	NIFC C2	EMS	RX / TX 156.0750 TX/RX 156.7	King NIFC
Tactical Div/Group	RX/TX 159.3075 TX/RX 192.8	King NIFC	CDF T27	Air to Ground	RX/TX 159.4050 TX/RX 192.8	King NIFC
Prepared by (Resource Unit Ldr.) Steve Oaks 		Approved by (Planning Sect. Ch.) Buddy Bloxham (T) 			Date 7/27/2015	Time 2300

DIVISION ASSIGNMENT LIST		1. Branch III		2. Division/Group Division U / X			
3. Incident Name WRAGG		4. Operational Period Date: 7/28/2015 to 7/29/2015 Time: 0700-0700					
5. Operations Personnel							
Operations Chief		Mike Webb (Day) Polo Rodriguez (Night)		Division/Group Supervisor Aaron Latta Adrian Saldivar (T)			
Branch Director		Sean Dakin / Randy Engler (T)		Branch Safety			
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designat	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Tim	On Line	Off Line	
STC SCU 9160C	Sam Gonzalez	19	DP 40 / 0800	0800	<input type="checkbox"/>	<input type="checkbox"/>	
CRW LNU Konocti 1	Chris Vallergera	12	DP 40 / 0800	0800	<input type="checkbox"/>	<input type="checkbox"/>	
CRW LNU Konocti 2	Bret Murphy	14	DP 40 / 0800	0800	<input type="checkbox"/>	<input type="checkbox"/>	
CRW LNU Konocti 3	Brian Washington	12	DP 40 / 0800	0800	<input type="checkbox"/>	<input type="checkbox"/>	
CRW LNU Konocti 4	Kevin Ryan	14	DP 40 / 0800	0800	<input type="checkbox"/>	<input type="checkbox"/>	
CRW LNU Konocti 5	Brian Creager	15	DP 40 / 0800	0800	<input type="checkbox"/>	<input type="checkbox"/>	
CRW LNU Delta 5	Ue Moua	16	DP 40 / 0800	0800	<input type="checkbox"/>	<input type="checkbox"/>	
FEMT	Joshua Hauselmann	1	DP 40 / 0800	0800	<input type="checkbox"/>	<input type="checkbox"/>	
FEMT	Dean Vernarecci	1	DP 40 / 0800	0800	<input type="checkbox"/>	<input type="checkbox"/>	
SOFR	Rick Carr	1	DP 40 / 0800	0800	<input type="checkbox"/>	<input type="checkbox"/>	
7. Control Operations Improve fire line. Mop up and tactical patrol 300 feet. Implement fire line supression repair plan.							
8. Special Instructions Ensure LCES is in place in all Divisions. NIFC C2 (channel 2) and NIFC C9 (channel 3) are the current command repeater system. These two channels are linked and are hard toned. Use either one of these channels to communicate to Wragg communications.							
9. Division/Group Communication Summary							
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Tactical Div/Group	RX/TX 151.3175 TX/RX 192.8	King NIFC	CDF T24	Air to Ground	RX/TX 159.4050 TX/RX 192.8	King NIFC	
Prepared by (Resource Unit Ldr.) Steve Oaks		Approved by (Planning Sect. Ch.) Buddy Bloxham (T)			Date 7/27/2015	Time 2300	

DIVISION ASSIGNMENT LIST		1. Branch		2. Division/Group 1 of 2 Fire Line Suppression Repair			
3. Incident Name WRAGG		4. Operational Period Date: 7/28/2015 to 7/29/2015 Time: 0700-0700					
5. Operations Personnel							
Operations Chief	Mike Webb (Day) Polo Rodriguez (Night)	Division/Group Supervisor		Megan Scheeline*			
Branch Director		Branch Safety					
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designat	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time	On Line Off Line		
STG HUU 9125G*	David Tikkanen	26	ICP / 0800	2000	<input type="checkbox"/> <input type="checkbox"/>		
DOZ PVT E-51*	Lemuel Pearson	2	ICP / 0800	2000	<input type="checkbox"/> <input type="checkbox"/>		
DOZ PVT E-55*	Jim Wiggin	3	ICP / 0800	2000	<input type="checkbox"/> <input type="checkbox"/>		
DOZ PVT E-56*	Jim Lantrel	2	ICP / 0800	2000	<input type="checkbox"/> <input type="checkbox"/>		
DOZ PVT E-121*	Robert Dominikus	2	ICP / 0800	2000	<input type="checkbox"/> <input type="checkbox"/>		
WT PVT E-281*	Dennis	1	ICP / 0800	2000	<input type="checkbox"/> <input type="checkbox"/>		
WT PVT E-95*	Mark Bashem	2	ICP / 0800	2000	<input type="checkbox"/> <input type="checkbox"/>		
THSP*	Kevin Conway	1	ICP / 0800	2000	<input type="checkbox"/> <input type="checkbox"/>		
SOFR*	Ken Margiott	1	ICP / 0800	2000	<input type="checkbox"/> <input type="checkbox"/>		
7. Control Operations Implement fire line suppression repairs where needed.							
8. Special Instructions NIFC C2 (channel 2) and NIFC C9 (channel 3) are the current command repeater system. These two channels are linked and are hard toned. Use either one of these channels to communicate to Wragg communications. *All resources are 12 Hours							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	
Command	RX 168.1000 Tone 123.0 TX 170.4500	King NIFC	NIFC C2	EMS	RX / TX 156.0750 TX/RX 156.7	King NIFC	CALCORD
Tactical Div/Group	RX/TX 154.2875 TX/RX 156.7	King NIFC	VFIRE 25	Air to Ground	RX/TX 159.4050 TX/RX 192.8	King NIFC	CDF T22
Prepared by (Resource Unit Ldr.) Steve Oaks 		Approved by (Planning Sect. Ch.) Buddy Bloxham (T) 		Date 7/27/2015		Time 2300	

DIVISION ASSIGNMENT LIST		1. Branch		2. Division/Group 2 of 2		
		Fire Line Suppression Repair				
3. Incident Name WRAGG		4. Operational Period Date: 7/28/2015 to 7/29/2015 Time: 0700-0700				
5. Operations Personnel						
Operations Chief		Mike Webb (Day) Polo Rodriguez (Night)		Division/Group Supervisor Megan Scheeline*		
Branch Director				Branch Safety		
6. Resources Assigned this Period						
Strike Team/Task Force/ Resource Designat	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time	On Line	Off Line
FOBS*	David Janssen	1	ICP / 0800	2000	<input type="checkbox"/>	<input type="checkbox"/>
FOBS (T)*	Elliott Elward	1	ICP / 0800	2000	<input type="checkbox"/>	<input type="checkbox"/>
FOBS*	Lucas Titus	1	ICP / 0800	2000	<input type="checkbox"/>	<input type="checkbox"/>
FOBS (T)*	Douglas Madsen	1	ICP / 0800	2000	<input type="checkbox"/>	<input type="checkbox"/>
FOBS*	Tim Meyers	1	ICP / 0800	2000	<input type="checkbox"/>	<input type="checkbox"/>
FOBS (T)*	Chris Poli	1	ICP / 0800	2000	<input type="checkbox"/>	<input type="checkbox"/>
FOBS*	Kevin Molloy	1	ICP / 0800	2000	<input type="checkbox"/>	<input type="checkbox"/>
FOBS*	James Scheid	1	ICP / 0800	2000	<input type="checkbox"/>	<input type="checkbox"/>
7. Control Operations Implement fire line suppression repairs where needed.						
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Prepared by (Resource Unit Ldr.) Steve Oaks 		Approved by (Planning Sect. Ch.) Buddy Bloxham (T) 		Date 7/27/2015		Time 2300

MEDICAL PLAN ICS 206	1. INCIDENT NAME WRAGG FIRE	2. DATE PREPARED 07/27/2015	3. TIME PREPARED 1800	4. OPERATIONAL PERIOD 7/28/15 – 7/29/15 0700-0700		
5. INCIDENT MEDICAL AID STATIONS						
MEDICAL AID STATIONS	LOCATION	PARAMEDICS				
		YES	NO			
Medic Module (Day) / MEDL (Night)	ICP Medical Unit	X				
6. TRANSPORTATION						
A. AMBULANCE SERVICES						
NAME	LOCATION	PHONE	PARAMEDICS			
			YES	NO		
Vacaville Fire Department	Vacaville	707-499-5200	X			
CALSTAR (Odd Days)	Vacaville	800-252-5050	X			
Reach Ambulance (Even Days)	Concord	800-338-4045	X			
Medic Ambulance	Vallejo	707-644-8989	X			
*Sonoma County Sheriff Copter H1 (Night, Rescue, Short Haul)	Sonoma County	707-565-2121	X			
B. INCIDENT AMBULANCES						
NAME	LOCATION	PARAMEDICS				
		YES	NO			
Vacaville Fire M274 *24 HRS	DP 20 Highway 128 / Pleasant Valley Rd.	X				
7. HOSPITALS						
NAME	ADDRESS	TRAVEL TIME	PHONE	HELIPAD	BURN CENTER	
Med Net Channel		AIR	GRND	YES	NO	
Kaiser (Level 2 Trauma)	1 Quality Dr. Vacaville CA	2	8	707-624-4000 707-452-9892	X	X
UC Davis Medical Center (Level 1 Trauma / Burn)	2315 Stockton Blvd, Sacramento CA 95817	12	30	916-734-2011 916-734-5669	X	X
Vaca Valley Hospital	1000 Nut Tree Rd. Vacaville	3		707-624-7000 707-624-7810	X	X
8. MEDICAL EMERGENCY PROCEDURES						
EMERGENCY FREQUENCY: LINE EMERGENCY: Crew Supervisor will contact Division Supervisor with patient complaint/condition and location. <ul style="list-style-type: none"> Division/Group Supervisor contacts: <ol style="list-style-type: none"> Communications Unit Closest EMS resource Communications Unit contacts: <ol style="list-style-type: none"> Ground or Air ambulance as requested Operations Safety Medical Unit Division Supervisor or designee will serve as point of contact and run medical emergency on assigned channel. <ol style="list-style-type: none"> A pre-assigned tactical frequency (i.e. CALCORD) should be used for IWI and only for duration of need. Communications Unit will clear command channel for emergency traffic as needed and only for duration of need. CAMP EMERGENCY: Contact Medical Unit with patient complaint/condition and location. Medical Staff will respond to stabilize incident: <ul style="list-style-type: none"> Medical Unit contacts: <ol style="list-style-type: none"> Communications Safety Logistics Operations Crew Supervisor Comps/Claims 				INJURY REPORTING PROCEDURES NATURE OF INJURY _____ LOCATION OF PATIENT _____ POINT OF CONTACT _____ TRANSPORTATION REQUESTED BY: AIR___ GROUND___ POINT OF PICKUP _____ LAT _____ LONG _____ PATIENT UNIT ID _____ IS AN EMT WITH PATIENT: YES ___ NO ___ AGE _____ SEX: MALE___ FEMALE___ ALL EMERGENCIES---Secure the area and identify witnesses for later investigation. Keep an accurate log of events.		
ICS 206 (Rev 03/12)		9. PREPARED BY: (Medical Unit Leader) Jorge H Segura IMT 6 MEDL/Jeff Whitaker MEDL-T 		10. REVIEWED BY: (Safety Officer) Gabriel Santos IMT 6 SOF1 		

INCIDENT RADIO COMMUNICATIONS PLAN				Incident Name		WRAGG		Date/Time Prepared		Operational Period Date/Time	
Ch #	Function	Channel Name/Trunked Radio System Talkgroup	Assignment	RX Freq	RX Tone/NAC	TX Freq	TX Tone/NAC	Remarks			
1											
2	COMMAND	NIFC C2	ALL DIVISIONS	168.1000	CSQ	170.4500	123.0	NIFC C2 LINKED TO NIFC C9			
3	COMMAND	NIFC C9	ALL DIVISIONS	170.0125	CSQ	165.2500	123.0	NIFC C9 LINKED TO NIFC C2			
4											
5											
6	TACTICAL	VFIRE 22	DIV A / C / G / M	154.2650	156.7	154.2650	156.7				
7											
8											
9	TACTICAL	CDF T27	DIV P	159.3075	192.8	159.3075	192.8				
10	TACTICAL	CDF T24	DIV U / X	151.3175	192.8	151.3175	192.8				
11	TACTICAL	VFIRE 25	SUPPRESSION REPAIR	154.2875	156.7	154.2875	156.7	FIRE LINE SUPPRESSION REPAIR			
12											
13											
14	TACTICAL	CALCORD	MEDICAL	156.0750	156.7	156.0750	156.7	AMBULANCE COORDINATION			
15	TACTICAL	A/G	ALL DIVISIONS	159.4050	192.8	159.4050	192.8	CDF T22			
16	TACTICAL	GUARD	EMERGENCY	168.6250	CSQ	168.6250	110.9	EMERGENCY ONLY			
17											
18											
19											
20	TACTICAL	GUARD	EMERGENCY	168.6250		168.6250	110.9	EMERGENCY ONLY			

Prepared By (Communications Unit)

 Tim Maguire, COM1 (t)

Incident Location: Capell Valley, CA
 County: Solano
 Latitude, Longitude: 38° 30.03' N, 122° 07.10' W

7/27/15 17:40

Base Camp Phone List

WRAGG INCIDENT- CA-LNU-006678

Name	Phone
Accommodations	916-203-6647
Communications	707-953-7960 707-953-7961 707-953-7962
Clerical	951-977-4503 Fax
Cost	951-225-4502 951-977-4502 Fax
Demob	951-225-4503 951-225-4505
Logistics	915-225-4506
Medical	951-225-4504
Procurement	951-977-4501 Fax
Safety	951-225-4508
Time	951-225-4509 951-225-4510 951-977-4504 Fax

TRAINING MESSAGE

“ATTENTION”

**IF YOU KNOW THAT YOU ARE BEING
DEMOBED, PLEASE SEE TRAINING
TO CLOSE OUT YOUR PAPERWORK PRIOR
TO DEMOB**

Training is located in the trailer next to DEMOB



CAL FIRE INCIDENT MANAGEMENT TEAM 6



BRIAN ESTES – INCIDENT COMMANDER

DEMOBILIZATION PLAN - SUMMARY

Wragg Incident
CA-LNU-006678

GENERAL INFORMATION

The Demobilization Plan is developed to facilitate the orderly removal and checkout of resources on the incident. By definition, surplus personnel are available for release if they have rested for a minimum of 8 hours, are cleaned up, outfitted and have a vehicle ready to depart to their next destination.

GENERAL GUIDELINES

- o **NO RESOURCES WILL LEAVE THE INCIDENT UNTIL AUTHORIZED TO DO SO BY THE DEMOB UNIT.**
- o Efforts will be made to ensure that all released personnel arrive at their destination prior to 2200 hours.
- o All government and hired vehicles leaving the incident will have a safety inspection. If a vehicle is within 1,000 miles of a "B" service, it is the responsibility of the resource to contact Ground Support and have an oil change prior to their scheduled demob time.
- o All trainees are to keep their time up to date and report to the Training Specialist with their task books and evaluations prior to completion of the demobilization process.
- o All strike team leaders are responsible to call North Ops at 1-800-237-3703 immediately upon being released from the incident.

RESPONSIBILITIES

Unit Leaders will declare resources excess to their **Section Chief**. **Section Chiefs** will declare excess resources to the Planning Section Chief through the **Resource Unit Leader**. This should be done 36 hours in advance of anticipated release. Use the **Declaration of Excess Resources sheet** or **General Message Form (ICS-213)** to list all excess resources. Include the resource name, request number, name of person, date and time of declared excess, and time in which the resource will be eligible to leave. Send to the **RESOURCE UNIT** where the resource will be determined to be surplus to the incident. Surplus resources will then be able to report to the **DEMOB UNIT**, receive a Demobilization Checkout Form (ICS 221), get the appropriate ICS 221 signatures, and then return the completed ICS 221 to the **DEMOB UNIT** prior to final release or reassignment.

RELEASE PRIORITIES

1. Organized fire departments
2. OES engines
3. Hired personnel and equipment
4. Other agencies (USFS, BLM, etc.)
5. Out of region Cal Fire forces
6. Within Region Cal Fire Forces
7. Unit CAL FIRE Forces

TRAVEL INFORMATION

All resources will meet agency specific requirements on hours of travel per day. For CAL FIRE hand crews, a full 24 hour reset period shall be adhered to before departing from the incident. After a crew's last operational period they shall begin the demobilization release procedure during their 24 hour off shift. In addition, they must use the following complete 24 hour period as reset time before they depart from the incident.

1	2	3	4	5	6	7
---	---	---	---	---	---	---

Request Number					

State/Agency		Incident Number				Incident Name		Incident Index Code		Incident POA Code							
INCIDENT	CA L N U	0	0	6	6	7	8	W R A G G		1	4	0	0	0	9	0	0

RESOURCE	Strike Team		Resource ID	Fire Assignment	Home Station	Office Location
	S	T				

YOUR SCHEDULE 24 Hr. 8-8 <input type="checkbox"/> 24 Hr. 7-7 <input type="checkbox"/> Other <input type="checkbox"/>		Portal to Portal? <input checked="" type="checkbox"/>		YOUR AGENCY <input type="text"/>		HOME UNIT <input type="text"/>		COMMIT <input type="text"/>		RELEASE <input type="text"/>		YOUR CELL PHONE # <input type="text"/>	
YOUR NORMAL DUTY SCHEDULE 24 Hr. 8-8 <input type="checkbox"/> 24 Hr. 7-7 <input type="checkbox"/> Other <input type="checkbox"/>		Portal to Portal? <input checked="" type="checkbox"/>		YOUR AGENCY <input type="text"/>		HOME UNIT <input type="text"/>		COMMIT <input type="text"/>		RELEASE <input type="text"/>		YOUR CELL PHONE # <input type="text"/>	
YOUR NORMAL DUTY SCHEDULE 24 Hr. 8-8 <input type="checkbox"/> 24 Hr. 7-7 <input type="checkbox"/> Other <input type="checkbox"/>		Portal to Portal? <input checked="" type="checkbox"/>		YOUR AGENCY <input type="text"/>		HOME UNIT <input type="text"/>		COMMIT <input type="text"/>		RELEASE <input type="text"/>		YOUR CELL PHONE # <input type="text"/>	

PERSONNEL	Schedule			Last Name	First Name	Rank or Classification	# of Regular Duty Scheduled Hours per Day							
	A	B	Other				Mon	Tue	Wed	Thu	Fri	Sat	Sun	
EMPLOYEE 1														
EMPLOYEE 2														
EMPLOYEE 3														
EMPLOYEE 4														
EMPLOYEE 5														
EMPLOYEE 6														
<input checked="" type="checkbox"/> One Box				Johnson	Robert	EC		2	24	24				

VEHICLE	Schedule		Other, if Other, explain	Radio ID	Kind of Vehicle	ID No./X No				
	A	B				0	1	2	3	
VEHICLE 1								X		
VEHICLE 2								X		
<input checked="" type="checkbox"/> One Box			<input type="checkbox"/> Chainsaw Quantity:	E-3499	FTH	0	1	2	3	
			<input type="checkbox"/> Portable Pump?							



ADDITIONAL INFO

FC-33 DAILY UPDATE

[illegible]

Comments (any changes?):

Comments (any changes?):	
CELL PHONE #:	
7/28/2011	

CELL PHONE #:

7/28/2011

EMERGENCY SHIFT TICKET and EVALUATION FORM <small>The responsible Government Officer will complete this form each shift.</small>					Contractor Name Water Haulers																																											
Incident or Project Name Wild		Incident Number CALNU 123456		Request Number E-64		Operator #1 Sean Rodgers																																										
Operator #2 Wayne Rodgers		Agreement Number LNU22223333																																														
Equipment Make Peterbilt		Equipment Model / Type 4000 Gallon				Operator Furnished By: <input checked="" type="checkbox"/> Contractor <input type="checkbox"/> Government																																										
Serial Number 11343N		Licence Number 6A256483				Operating Supplies Furnished By: <input checked="" type="checkbox"/> Contractor <input type="checkbox"/> Government																																										
Equipment Use <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Date</th> <th>Start</th> <th>Stop</th> <th>(Circle) Hours</th> <th>Days / Miles</th> </tr> </thead> <tbody> <tr> <td>7/16</td> <td>1300</td> <td>1500</td> <td>2</td> <td>Travel In</td> </tr> <tr> <td>7/16</td> <td>1500</td> <td>2400</td> <td>9</td> <td>Division B</td> </tr> <tr> <td>7/17</td> <td>0001</td> <td>0800</td> <td>8</td> <td>Division B</td> </tr> </tbody> </table>						Date	Start	Stop	(Circle) Hours	Days / Miles	7/16	1300	1500	2	Travel In	7/16	1500	2400	9	Division B	7/17	0001	0800	8	Division B	Equipment Status <input type="checkbox"/> Inspected <input checked="" type="checkbox"/> Under Agreement <input type="checkbox"/> Released by Government <input type="checkbox"/> Withdrawn by Contractor																						
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Remarks/Comments ** 2 Operators																																																
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	Poor*	Avg.	Good	Exc.	N/A																																											
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<div style="text-align: center; font-size: 24pt; font-weight: bold;">Vendor Rating must be done.</div>						Govt. Rep. Signature <i>Mike Brown</i>																																										
						Contractor Signature <i>Jim Smith</i>																																										
						Date 07/17/12	Time 0800																																									
<small>* NOTE: Any rating of POOR requires an explanation in Comment Section. **Final evaluation or for more documentation, use an ICS Form 230 or equivalent.</small>						CALFIRE 297 <small>(Rev 3-2011)</small>																																										

Pink - Finance

Blue - Home Unit HE Coordinator

Yellow - Vendor

White - Govt Representative

CAL FIRE INCIDENT MANAGEMENT TEAM WATER USAGE PLAN

California Drought Emergency

The following shall be considered and implemented by all fire resources as a means to provide maximum efficiencies when utilizing water resources, while minimizing the impacts to private and public water supplies. Accountability shall be maintained for all water supplies that are utilized and care should be applied to ensure proper replacement and/or reimbursement to the supplier/ owner.

Fireline personnel- (During mop up operations)

- Use of Pencil Hose and Garden Nozzles with Shut-Offs.
- Use of Back pumps.
- Dry Mop-up and consolidation of heavy fuels to areas where they can burn out safely
- Locate/ Relocate Firelines to lighter fuels or natural barriers when safe.
- Set up and use portable tanks in anticipation of longer transport times for Water Tenders.
- Use of foams, gels and other water enhancers.
- Evaluate need to mop up in excess of 200 feet from fireline

Road Maintenance and Repair-

- Monitor and water roads only when and where needed.
- Water when most effective (evening and nights).
- Use chemical treatments when available (Magchloride, Omni bind ect).
- Consider use of tertiary or treated water (sp)

Aviation Operations-

- Use of Gels, Foams and Retardants. Set up portable plants.
- Consider Blivits and Pencil hose for interior mop up operations as opposed to numerous bucket drops.
- Establish and use pre-use agreements for existing and known water sources.
- Use large watershed dip sites when able. Minimize use of small, static ponds and lakes.
- Maintain accountability of water used and locations of dip sites.
- Evaluate need for interior bucket drops

Private Water Supplies-

- Notify property owner as early as possible.
- Minimize usage and develop alternative water supplies when and where appropriate.
- Track usage (meter, 214 form) and develop a plan to replace water.
- Make arrangements for reimbursement and damage claims if needed.

Public/ Municipal Water Supplies-

- Notify Agency as soon as possible and request a representative to the incident.
- Identify fill areas and request metering devices. Place on incident map.
- Use alternative or reclaimed water sources when available. Place on incident map.
- Make arrangements for reimbursement and damage claims if needed.

Management and Supervision-

- Use leaders intent and establish Water Conservation as an Management Objective.
- Consider complexity of water use on incidents. Establish a Water Supply Group Supervisor to coordinate additional resources to support the incident needs.
- Complete the Water Usage Report daily and turn in to Finance
- Review this check list and brief daily.

CAL FIRE

INCIDENT MANAGEMENT TEAM

WATER USAGE LOG

DATE: _____

Division / Group: _____

AGENCY ID / VENDOR: _____

I.e., Strike Team 1110C, Acme Water Tenders

REQUEST # _____

TURN INTO FINANCE DAILY

WATER SOURCE LOCATION	Hydrant	Open source i.e. pond	Tank	Gallons Used	Property Owner / Contact Number if known **

****Please note if you made contact with property owner and their contact.
(Use reverse side if needed.)**

Information: _____

The intent of this document is intended to track, record and validated the amount of water used on a incident. It's not intended to review the performance of equipment using the water on an incident.

LOCATION / INCIDENT NAME:

UNIT:

DATE:

DATE OF OCCURRENCE:

LOCATION OF ITEMS:

REMARKS:

SIGNATURE:

PRINTED NAME:

TITLE:

DATE:

UNIT SUPERVISOR'S APPROVAL

COMMENTS:

SIGNATURE OF UNIT ADMINISTRATOR:

TITLE:

DATE: _____

FIRE SUPPRESSION REPAIR PLAN: WRAGG INCIDENT

Fire suppression repair is the repair of damage caused directly from fire suppression activities. It is not the repair of infrastructure or rehabilitation of burned areas that happened as a result of the fire itself.

Damaged facilities will be upgraded to their pre-fire condition. Projects too large or complex to be completed by the Fire Suppression Repair Group shall be transferred to the Comp/Claims Unit or the local Unit. Repair work shall only occur in locations authorized by the Operations division and where fire suppression activities are complete. Fire Suppression Repair Group resources shall evaluate all Divisions for appropriate repair needs. This includes areas inside and outside the fire perimeter, provided the damage was caused by official fire suppression activities.

Examples of items that may be repaired include, but are not limited to:

Infrastructure Damage	Natural Resource Damage
Fences and gates	Soil erosion
Culverts, bridges, and other watercourse crossings	Adverse impacts to air and water quality
Water sources	Adverse impacts to protected species of plants and animals
Utility distribution lines (above or below ground)	
Road barriers removed for fire access	
Trash, debris, and supplies left by fire suppression resources	
Miscellaneous damage to residential property	

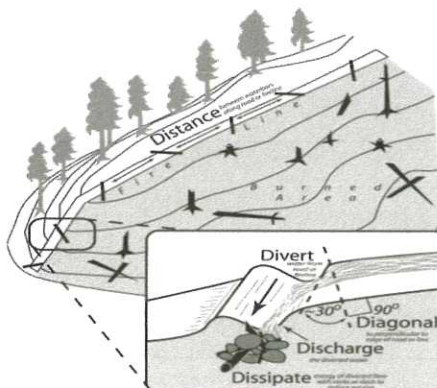
Dozer Line Repair

Dozers construct both fire and contingency lines. Dozer line width varies greatly. The following measures shall be implemented for constructed dozer line:

- Berms and push-piles shall be spread out to the extent feasible. This may be accomplished by back-blading and/or using ripper shanks or grapples. Debris piled against trees or perched above watercourses is especially important to remove or disperse.
- Waterbreaks shall be constructed at an approximately 45 degree angle and shall be a minimum depth of 12 inches from the bottom of the cut to the top of the berm. Where feasible, the discharge from waterbreaks shall be directed into vegetated areas.
- Where slopes exceed the range at which a tractor can effectively work, waterbreaks shall be constructed with hand tools.
- Roads used in fire suppression activities shall be left in the same condition they were found or better. Gravel and soil-surfaced roads shall be watered to prevent excessive dust. Where fire suppression activities have damaged or rendered road drainage facilities non-functional, waterbreaks or drivable drainage dips shall be installed for drainage.
- Where fire suppression activities have filled in or damaged inside ditches, the ditches shall be cleaned and left unobstructed.
- Vehicle access to dozer line on Bureau of Land Management lands shall be blocked using tank traps or other similar methods.
- Spacing of waterbreaks shall be as follows:

Prevailing gradient	Maximum waterbreak spacing
0-10%	200 feet
11-25%	150 feet
26-50%	100 feet
>50%	75 feet

Spacing criteria is a general guide. Actual location of waterbreaks should be tailored to the topography and placement suited to the best dispersal of water flow.



Facilities Map
Wragg Incident
CA-LNU-006678
7/28/2015
→ Traffic Pattern



Supply Fuel
 Lunch / Ice / Water

Showers Showers
 Laundry

Overhead
 Parking

Equipment
 Parking

ICP

Staging

Lake

IC OPS Plans GIS
 Copy Safety Demob Training IMT LE Liason
 Ordering Logs Cost Proc Sit
 PG&E OES Solano Motel Doc / Fin Comms

MKU

PIO

Security

Ground
 Support

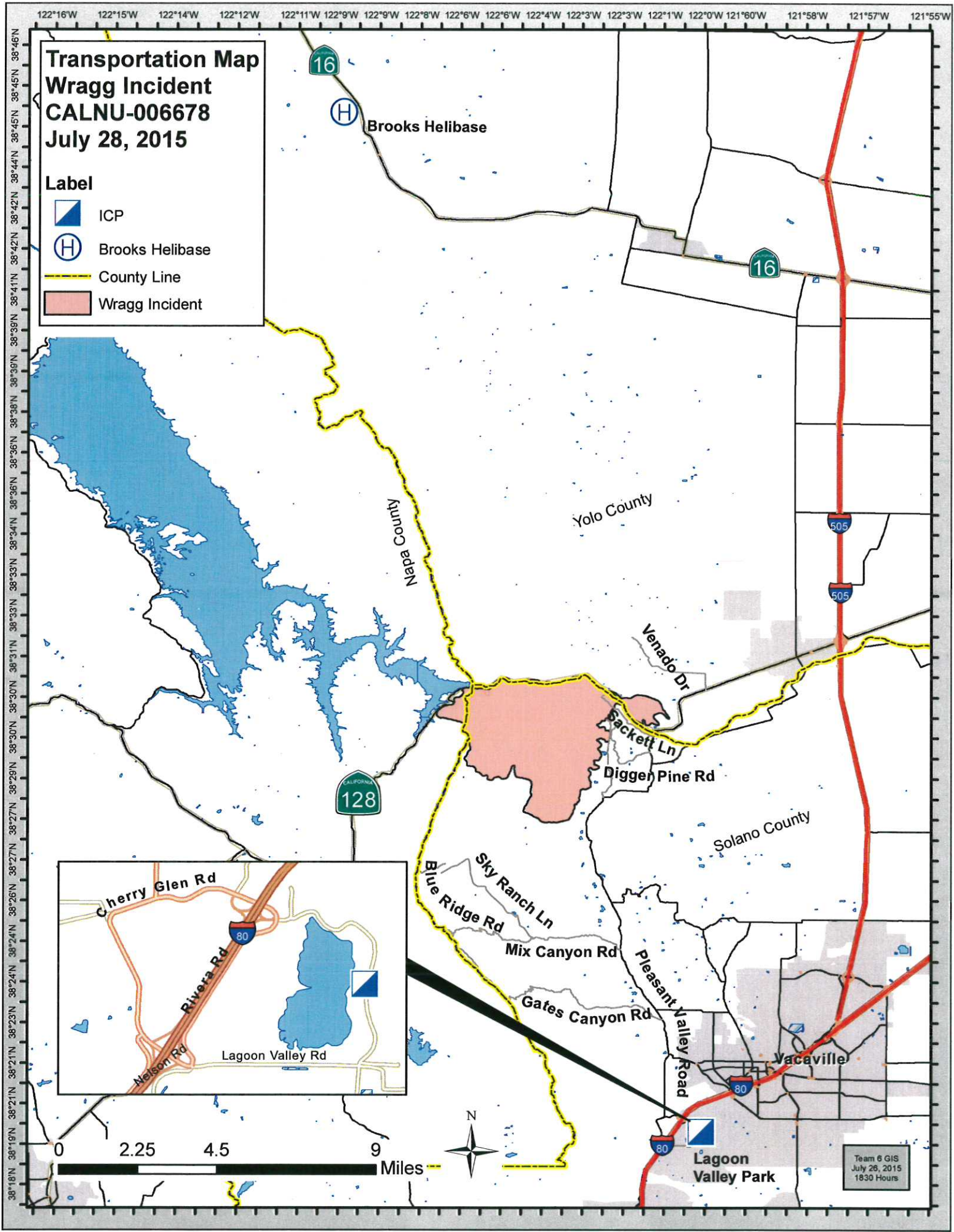
Entrance

Team 6 GIS
 July 27, 2015
 2:10 PM
 Version
 1.03

Transportation Map
Wragg Incident
CALNU-006678
July 28, 2015

Label

-  ICP
-  Brooks Helibase
-  County Line
-  Wragg Incident



Team 6 GIS
July 28, 2015
1830 Hours

ACTIVITY LOG (ICS 214)

1. Incident Name:

2. Operational Period:

Date From: Date

Date To: Date

Time From: HHMM

Time To: HHMM

7. Activity Log (continuation):

Date/Time

Notable Activities

8. Prepared by: Name:

Position/Title:

Signature: _____

2